| L Number | Hits | S arch Text | DB | Tim stamp |
|-------------|--------|------------------------------------|-----------|------------|
| 1 | 1 | "11214008" | JPO | 2002/11/21 |
| | | | | 15:47 |
| 2 | 4 | "9908299" | EPO; JPO; | 2002/11/21 |
| | | | DERWENT | 15:48 |
| 3 | 2 | 6074462.pn. | USPAT; | 2002/11/21 |
| ~ | _ | | US-PGPUB; | 15:48 |
| | | | EPO; JPO; | |
| | | | DERWENT | • |
| 4 | 0 | 6074462.pn. and thi\$ | USPAT; | 2002/11/21 |
| 7 | · · | OUT-TOZIPIII dila tina | US-PGPUB; | 15:49 |
| Ī | | | EPO; JPO; | 10.40 |
| | • | · | DERWENT | 1 |
| _ | 42020 | Abial Abiala | | 2002/11/21 |
| 5 | 43939 | thiol thiols | USPAT; | |
| | | | US-PGPUB; | 15:49 |
| | | | EPO; JPO; | |
| | | | DERWENT | 0000/44/04 |
| 6 | 24107 | thiophene thiophenes | USPAT; | 2002/11/21 |
| | | | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 7 | 1587 | thioanisole thioanisoles | USPAT; | 2002/11/21 |
| İ | | | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 8 | 23722 | thiazole thiazoles | USPAT; | 2002/11/21 |
| | | | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 9 | 1747 | thioacetate thioacetates | USPAT; | 2002/11/21 |
| | | | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 10 | 437 | aromatic adj (sulfone sulfones) | USPAT; | 2002/11/21 |
| . | 401 | · | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 11 | 994 | methanethiol | USPAT; | 2002/11/21 |
| '' | 334 | memaneunoi | US-PGPUB; | 15:50 |
| | | | 1 | 19:90 |
| | | | EPO; JPO; | |
| 40 | . 0644 | adh an adhlal | DERWENT | 2000/44/04 |
| 12 | 2041 | ethanethiol | USPAT; | 2002/11/21 |
| | | | US-PGPUB; | 15:50 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 13 | 8675 | thiophenol thiophenols | USPAT; | 2002/11/21 |
| | | | US-PGPUB; | 15:51 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 14 | 849 | flu rothioph n I flur thi phenols | USPAT; | 2002/11/21 |
| | • | chlor thi phen I chlor thiophen Is | US-PGPUB; | 15:51 |
| | | | EP ; JPO; | |
| | | | DERWENT | |

| 15 | 149 | butylthioph nol butylthiophen Is | USPAT; | 2002/11/21 |
|----|----------|---|-----------|------------|
| 15 | 149 | butylinoph nor butylinophen is | US-PGPUB; | 15:51 |
| | | | EPO; JPO; | 10.01 |
| | | | DERWENT | |
| 16 | 805 | b nz n thi l b nz n thi ls | USPAT: | 2002/11/21 |
| '0 | | | US-P PUB; | 15:51 |
| | | | EPO; JPO; | |
| | | | DERWENT | |
| 17 | 89685 | (thiol thiols) (thiophene thiophenes) | USPAT; | 2002/11/21 |
| 1 | | (thioanisole thioanisoles) (thiazole | US-PGPUB; | 16:54 |
| | | thiazoles) (thioacetate thioacetates) | EPO; JPO; | |
| | | (aromatic adj (sulfone sulfones)) | DERWENT | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols) | | |
| 18 | 4783 | ((thiol thiols) (thiophene thiophenes) | JPO | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | | 15:52 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) | | |
| 19 | 251 | ((thiol thiols) (thiophene thiophenes) | JPO | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | | 16:32 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and (electrolyte electrolytes | | |
| | | electrolytic) | | 0000/44/54 |
| 20 | 30 | (((thiol thiols) (thiophene thiophenes) | JPO | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | | 15:53 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | [| chlorothiophenols) (butylthiophenol | | |
| | | butyIthi ph n ls) (b nz n thiol | | |
| | | b nz n thi ls)) and (i ctrolyt electr lytes | | |
| | | lectrolytic)) and (aqu ous n naqueous | | |
| | | n n-aque us (n n adj aqu us)) | | |
| L | <u> </u> | ii ii aque us (ii ii auj aqu us)) | <u> </u> | |

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| 21 | 251 | ((thiol thi ls) (thioph n thi phenes) | USPAT; | 2002/11/21 |
|----|-------|---|-----------|------------|
| 21 | 231 | (this anisole this anisoles) (this anisoles) | US-P PUB; | 16:33 |
| | | thiaz les) (thioac tat thi ac tates) | EPO; JPO; | 19100 |
| | | (ar matic adj (sulf n sulfon s)) | DERWENT; | |
| | | m than thi lethan thi l(thi ph n l | IBM_TDB | |
| | | thi ph n ls) (flu r thioph nol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | • |
| | | | | |
| | | butylthiophenols) (benzenethiol benzenethiols)) and (electrolyte electrolytes | | |
| | | ,, , | | |
| | | electrolytic) | USPAT; | 2002/11/21 |
| 23 | 77 | (((thiol thiols) (thiophene thiophenes) | | 16:33 |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB; | 16:33 |
| | • | thiazoles) (thioacetate thioacetates) | EPO; JPO; | |
| | | (aromatic adj (sulfone sulfones)) | DERWENT; | |
| | i | methanethiol ethanethiol (thiophenol | IBM_TDB | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and (electrolyte electrolytes | | |
| | | electrolytic)) not ((((thiol thiols) (thiophene | | |
| | | thiophenes) (thioanisole thioanisoles) | | |
| | | (thiazole thiazoles) (thioacetate | | , |
| | | thioacetates) (aromatic adj (sulfone | | |
| | | sulfones)) methanethiol ethanethiol | | |
| | | (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and (electrolyte electrolytes | | |
| | | electrolytic)) not capacitor.ti.) | | |
| 22 | 174 | (((thiol thiols) (thiophene thiophenes) | USPAT; | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB; | 16:33 |
| | | thiazoles) (thioacetate thioacetates) | EPO; JPO; | |
| | | (aromatic adj (sulfone sulfones)) | DERWENT; | |
| | | methanethiol ethanethiol (thiophenol | IBM_TDB | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and (electrolyte electrolytes | | |
| | | electrolytic)) not capacitor.ti. | | , |
| 24 | 63453 | (thiol thiols) (thiophene thiophenes) | USPAT; | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB | 17:06 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thi ph n ls) (fluorothi ph nol | | |
| | | flur thi phen is chlorothiophen i | | |
| | | chlor thi phen Is) (butylthiophenol | | |
| | I | | I | |
| | | butylthioph n ls) (b nz n thi l | 1 | |

| 25 | 253 | ((thi I thiols) (thi ph ne thioph nes) | USPAT: | 2002/11/21 |
|----|-----|--|----------|------------|
| 23 | 200 | (thi anisole thioanisoles) (thiazole | US-P PUB | 16:54 |
| | | thiaz les) (thi ac tat thi ac tat s) | | |
| | | (aromatic adj (sulf ne sulf n s)) | | |
| | | m than thiol ethan thi I (thi ph n I | | |
| | | thi ph n ls) (fluor thi ph n l | | |
| | | flurothiophenols chlorothiophenol | | |
| 1 | | chlorothiophenols) (butylthiophenol | | |
| | | | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and 429/\$.ccls. | HEDAT. | 2002/11/21 |
| 26 | 70 | (((thiol thiols) (thiophene thiophenes) | USPAT; | |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB | 16:55 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | : | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | İ |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and 429/\$.ccls.) and thiol\$1 | | |
| 27 | 68 | (((thiol thiols) (thiophene thiophenes) | USPAT; | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB | 16:56 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | • |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and 429/\$.ccls.) not (li or | | |
| | | lithium) | | |
| 28 | 185 | (((thiol thiols) (thiophene thiophenes) | USPAT: | 2002/11/21 |
| _ | | (thioanisole thioanisoles) (thiazole | US-PGPUB | 17:03 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | 1 | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and 429/\$.ccls.) not ((((thiol | | |
| | | thiols) (thiophene thiophenes) (thioanisole | | |
| · | | , , , | | |
| | | thioanisoles) (thiazole thiazoles) | | |
| | | (thioacetate thioacetates) (aromatic adj (sulfone sulfones)) methanethiol ethanethiol | | |
| 1 | | , | | |
|] | | (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
|] | • | butylthioph nols) (b nzen thi l | | |
| | | b nzen thi ls)) and 429/\$.ccls.) n t (li r | | |
| | | lithium)) | | |

| 29 | 11 | "1193788" | USPAT; | 2002/11/21 |
|----|-----|--|--------------------|------------|
| 20 | | | US-PGPUB; | 17:03 |
| | | | EPO; JPO; | |
| | | | DERWENT: | |
| | | | IBM TDB | |
| 30 | 1 | 2002-385369.NRAN. | DERWENT | 2002/11/21 |
| 30 | • | 2002-303303.NRAN. | DERWENT | 17:03 |
| 32 | 1 | 2002-385369.NRAN. | DERWENT | 2002/11/21 |
| 32 | • | 2002-303309.RKAN. | DERWENT | 17:04 |
| 22 | 7.5 | ((thiol thiols) (thiophene thiophenes) | HEDAT. | 2002/11/21 |
| 33 | 75 | | USPAT; US-PGPUB | 17:08 |
| | | (thioanisole thioanisoles) (thiazole | US-PUPUB | 17:00 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | • |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) with (non-aqueous or (non | | |
| | | adj aqueous) or nonaqueous) | | |
| 34 | 48 | ((thiol thiols) (thiophene thiophenes) | USPAT; | 2002/11/21 |
| | | (thioanisole thioanisoles) (thiazole | US-PGPUB | 17:17 |
| | | thiazoles) (thioacetate thioacetates) | | |
| | | (aromatic adj (sulfone sulfones)) | | |
| | | methanethiol ethanethiol (thiophenol | | |
| | | thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) and ((non-aqueous or (non | | |
| | | adj aqueous) or nonaqueous) near3 | | |
| | | (electroyte electrolytes electrolytic)) | | |
| 35 | 615 | (cyclic or aromatic) adj (sulfone sulfones) | USPAT; | 2002/11/21 |
| | | , , , , | US-PGPUB | 17:17 |
| 36 | 3 | ((cyclic or aromatic) adj (sulfone sulfones)) | USPAT; | 2002/11/21 |
| | | and ((non-aqueous or (non adj aqueous) or | US-PGPUB | 17:18 |
| | | nonaqueous) near3 (electroyte electrolytes | | |
| | | electrolytic)) | | |
| 37 | 248 | sulfolane and ((non-aqueous or (non adj | USPAT; | 2002/11/21 |
| • | | aqueous) or nonaqueous) near3 (electroyte | US-PGPUB | 17:18 |
| | | electrolytes electrolytic)) | | |
| 38 | 245 | (sulfolane and ((non-aqueous or (non adj | USPAT; | 2002/11/21 |
| | | aqueous) or nonaqueous) near3 (electroyte | US-PGPUB | 17:18 |
| | | electrolytes electrolytic))) not (((cyclic or | | |
| | | aromatic) adj (sulfone sulfones)) and | | |
| | | ((non-aqueous or (non adj aqueous) or | | |
| | | nonaqueous or (non auj aqueous) or nonaqueous) near3 (electroyte electrolytes | | |
| | I | nonaqueous) nears (electroyte electrolytes | 1 | I |

| 39 | 219 | ((sulf lan and ((n n-aqu us r (non adj | USPAT; | 2002/11/21 |
|----|-----|--|----------|------------|
| | | aque us) r n naqu us) n ar3 (l ctr yt | US-P PUB | 17:43 |
| | | el ctr lyt s lectrolytic))) n t (((cyclic or | | |
| | | aromatic) adj (sulf n sulfon s)) and | | |
| | | ((n n-aqueous or (n n adj aqu ous) r | | |
| | | nonaqueous) n ar3 (l ctr yt l ctrolyt s | | |
| | | electrolytic)))) and 429/\$.ccls. | | |
| 40 | 1 | "6413677" | USPAT; | 2002/11/21 |
| | | | US-PGPUB | 17:43 |
| 41 | 0 | "6413677" and ((thiol thiols) (thiophene | USPAT; | 2002/11/21 |
| | | thiophenes) (thioanisole thioanisoles) | US-PGPUB | 17:46 |
| | | (thiazole thiazoles) (thioacetate | | |
| | | thioacetates) (aromatic adj (sulfone | | |
| | | sulfones)) methanethiol ethanethiol | | |
| | | (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols)) | | |
| 42 | 0 | ("6413677" and ((thiol thiols) (thiophene | USPAT; | 2002/11/21 |
| | | thiophenes) (thioanisole thioanisoles) | US-PGPUB | 17:46 |
| | | (thiazole thiazoles) (thioacetate | | |
| · | | thioacetates) (aromatic adj (sulfone | | |
| | | sulfones)) methanethiol ethanethiol | | |
| | | (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols))) and benzenethiol | | |
| 43 | 0 | ("6413677" and ((thiol thiols) (thiophene | USPAT; | 2002/11/21 |
| | | thiophenes) (thioanisole thioanisoles) | US-PGPUB | 17:46 |
| | | (thiazole thiazoles) (thioacetate | | |
| | | thioacetates) (aromatic adj (sulfone | | |
| | | sulfones)) methanethiol ethanethiol | | |
| | | (thiophenol thiophenols) (fluorothiophenol | | |
| | | flurothiophenols chlorothiophenol | | |
| | | chlorothiophenols) (butylthiophenol | | |
| | | butylthiophenols) (benzenethiol | | |
| | | benzenethiols))) and benzenethiolate | | |
| 44 | 1 | "6413677" and benzenethiolate | USPAT; | 2002/11/21 |
| | | | US-PGPUB | 17:46 |
| 45 | 0 | "6413677" and benzenethiol | USPAT; | 2002/11/21 |
| | | | US-PGPUB | 17:46 |
| 46 | 0 | "6413677" and benzene-thiol | USPAT; | 2002/11/21 |
| | | | US-PGPUB | 17:47 |
| 47 | 1 | "6413677" and thiol | USPAT; | 2002/11/21 |
| l | | | US-PGPUB | 17:47 |

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